

PEPTIDES AND COMPOUNDS THAT BIND TO A RECEPTOR**ABSTRACT OF THE DISCLOSURE**

5 Described are peptides and peptide mimetics that
bind to and activate the thrombopoietin receptor. Such
peptides and peptide mimetics are useful in methods for
treating hematological disorders and particularly,
thrombocytopenia resulting from chemotherapy, radiation
10 therapy, or bone marrow transfusions as well as in diagnostic
methods employing labeled peptides and peptide mimetics.